

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 073082-0101

In re patent application of

Kazuhide KAWAI et al.

Serial No.: Unassigned

Filed: January 31, 2002

For: CERAMIC MEMBER WITH FINE PROTRUSIONS ON SURFACE AND  
METHOD OF PRODUCING THE SAME

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application, Applicant respectfully  
request that the following amendment be entered into the application:

IN THE CLAIMS:

Please replace claims 4, 7, 8, 11, 12, 13, and 16 with the amended claims as  
follows:

A<sup>1</sup>  
--4. (Amended) The method of producing the ceramic member as set forth in claim  
2, wherein the acid etchant is a sulfuric acid or a water solution thereof, otherwise a  
phosphoric acid or a water solution thereof.

A<sup>2</sup>  
7. (Amended) The surface rugged ceramic member as set forth in claim 5, wherein  
the dense base material is 90 wt% or higher of a theoretical density.

8. (Amended) The surface rugged ceramic member as set forth in claim 5, wherein  
the dense base material is alumina, yttrium aluminum garnet, aluminum nitride, yttria,  
zirconia, and calcium phosphate based ceramics.